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the target vehicle speed and the vehicle speed, and an acceleration operation quantity obtaining means (AS) obtaining an operation quantity (Ap) of an acceleration operating member (AP) operated by a driver, wherein the target vehicle speed determining means includes a modification means (A3) modifying the target vehicle speed based on the operation quantity so that the target vehicle speed obtained when the operation quantity is greater than zero becomes a greater value than the target vehicle speed obtained when the operation quantity is zero.

The block diagram illustrates the vehicle speed controlling system. It consists of the following components and signal flow:

- Target vehicle speed determining means (A1):** Receives inputs Rc, Rm , Pc , and Pvh . It outputs Vto to the modification means.
- Modification means (A3):** Receives Vto from A1 and Vt from the vehicle speed controlling means. It outputs Vt to the vehicle speed controlling means.
- Vehicle speed obtaining means (A5):** Outputs Vx to the vehicle speed controlling means.
- Vehicle speed controlling means (A4):** Receives Vt from the modification means and Vx from the vehicle speed obtaining means. It outputs Vt back to the modification means.
- Adjustment value calculating means (A2):** Receives Ap as input. It contains an "Upper limit characteristic" block. It outputs Vz, Vy, Kvz to the modification means.



EUROPEAN SEARCH REPORT

Application Number
EP 09 17 1351

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A,P	EP 2 082 936 A2 (AISIN AW CO [JP]) 29 July 2009 (2009-07-29) * the whole document *	1-6	
A	WO 2007/070160 A2 (GM GLOBAL TECH OPERATIONS INC [US]) 21 June 2007 (2007-06-21) * abstract; figures 1-5 *	1-6	
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The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of the search 16 November 2010	Examiner Matos Gonçalves, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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